

Name : _____

Score : _____

Scientific Notation

Simplify each problem and express the answer in scientific notation.

1) $(4 \times 10^{-2}) - (6 \times 10^{-5})$

Answer : _____

2) $(10 \times 10^3) + (2 \times 10^7)$

Answer : _____

3) $\frac{6 \times 10^6}{5 \times 10^2}$

Answer : _____

4) $(5 \times 10^{-9}) (7 \times 10^{-6})$

Answer : _____

5) $(8 \times 10^6) - (5 \times 10^3)$

Answer : _____

6) $(9 \times 10^2) + (6 \times 10^{-1})$

Answer : _____

7) $(2 \times 10^{-7}) (5 \times 10^{-3})$

Answer : _____

8) $(4 \times 10^3) + (3 \times 10^7)$

Answer : _____

9) $(10 \times 10^{-3}) - (2 \times 10^{-6})$

Answer : _____

10) $\frac{8 \times 10^{-9}}{5 \times 10^{-5}}$

Answer : _____

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Answer key

Simplify each problem and express the answer in scientific notation.

1) $(4 \times 10^{-2}) - (6 \times 10^{-5})$

Answer : 3.994×10^{-2}

2) $(10 \times 10^3) + (2 \times 10^7)$

Answer : 2.001×10^7

3) $\frac{6 \times 10^6}{5 \times 10^2}$

Answer : 1.2×10^4

4) $(5 \times 10^{-9}) (7 \times 10^{-6})$

Answer : 3.5×10^{-16}

5) $(8 \times 10^6) - (5 \times 10^3)$

Answer : 7.995×10^6

6) $(9 \times 10^2) + (6 \times 10^{-1})$

Answer : 9.006×10^2

7) $(2 \times 10^{-7}) (5 \times 10^{-3})$

Answer : 1×10^{-9}

8) $(4 \times 10^3) + (3 \times 10^7)$

Answer : 3.0004×10^7

9) $(10 \times 10^{-3}) - (2 \times 10^{-6})$

Answer : 9.998×10^{-3}

10) $\frac{8 \times 10^{-9}}{5 \times 10^{-5}}$

Answer : 1.6×10^{-4}